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**The Urban District of Litherland.**



# **ANNUAL REPORTS**

of the

**Medical Officer of Health**

and of the

**Sanitary Inspector**

For the Year 1950.



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For the Year 1950.

## THE URBAN DISTRICT COUNCIL OF LITHERLAND.

TOWN HALL,  
LITHERLAND,  
LIVERPOOL, 21.

*October, 1951.*

**To THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.**

LADY/GENTLEMEN,

I have pleasure in submitting herewith my Annual Report on the health and sanitary conditions of the district for the year ending 31st December, 1950.

I would like to comment on one or two facts which have emerged and which I think are worthy of note.

The infant mortality rate in Litherland in 1950 fell to 19 infant deaths per 1,000 live births as opposed to 45 infant deaths per 1,000 live births in 1949. This is most gratifying.

There was not a single case of diphtheria notified during the year and no deaths from scarlet fever, measles or whooping cough during 1950.

The number of notifications of pulmonary tuberculosis during the year was 45, this was four higher than the previous year, and is most probably mainly due to intensified searching for early cases of the disease.

I wish to take this opportunity of thanking the Staff of the Department for their help and the members of the Health Committee for their sustained interest in the health of the district.

I am,

Your obedient servant.

J. G. HAILWOOD.

*Medical Officer of Health.*

PARTICULARS TO BE INCLUDED IN THE  
 ANNUAL REPORT OF THE MEDICAL OFFICER OF  
 HEALTH FOR THE YEAR 1950.

**1.—Statistics and Social Conditions of the Area.**

Area in acres	...	...	...	...	...	...	818
Population—Census, 1931	...	...	...	...	...	...	15,987
Estimated, Mid 1950	...	...	...	...	...	...	22,870
No. of inhabited houses (Census, 1931)	...	...	...	...	...	...	3,464
,,                ,,                on Rate Books, Dec., 1950...	...	...	...	...	...	...	5,859
Rateable Value	...	...	...	...	...	...	£133,264
General Rate, 1949/50	...	...	...	...	...	...	17/4
Sum represented by a penny rate	...	...	...	...	...	...	£525

There is no special report to make on the influence of any particular occupation on public health.

**UNEMPLOYMENT.**—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

**BIRTHS.**

The number of children born in the district during 1950 was 421; 216 males and 205 females. This gives a Birth Rate of 18·4, adjusted 16·2.

**DEATHS.**

The total number of deaths during the year 1950 was 217; 114 males and 103 females. This gives a crude Death Rate of 9·5, adjusted 11·9. 111 Deaths of Litherland residents occurred outside the district.

## INFANTILE MORTALITY.

During the year 8 children died who, at the time of their death, had not reached the age of one year.

## ZYMOTIC DEATHS.

During the year, there were no deaths from Whooping Cough, no deaths from Diphtheria, no deaths from Measles, and one death from Meningococcal infection.

## VITAL STATISTICS.

Home population—Registrar General's estimate, mid-1950, 22,870

		Total.	M.	F.
Live Births	Legitimate	410	213	197
	Illegitimate	11	3	8
	Total	...	421	216
				205

Birth-rate per 1,000 estimated home population mid-1950:—

Crude	...	18·4
Adjusted	...	16·2

Stillbirths	...	10	4	6	Rate per 1,000 total (live and still) births	...	23
-------------	-----	----	---	---	--	-----	----

Deaths	...	...	217	114	103	Death rate per 1,000 estimated home popu- lation mid-1950:—
						Crude      ...      9·5 Adjusted   ...      11·9

## Maternal mortality—

Deaths from pregnancy, childbirth and abortion	...	Nil
Mortality rate per 1,000 total (live and still) births	...	Nil

## Death rate of infants under one year of age—

All infants per 1,000 live births	...	...	...	...	19
Legitimate infants per 1,000 legitimate live births	...	...	...	...	17
Illegitimate infants per 1,000 illegitimate live births	...	...	...	...	91

## Neo-natal mortality—

Deaths of infants under 4 weeks of age	...	...	...	...	3
Mortality rate per 1,000 live births	...	...	...	...	7

LITTLERLAND U.D.C.

Age at date of Inoculation		15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	1	Total	
Under 1 year	...	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950		
1-2 years	...	11	6	2	5	9	10	6	21	37	96	51	23	31	41	37	32	11	29
2-3	,,	21	5	9	8	1	11	23	30	86	55	10	20	15	12	7	11	17	
3-4	,,	22	9	8	1	11	23	30	86	55	10	20	15	12	7	11	10	10	
4-5	,,	30	10	12	16	10	26	31	63	59	7	11	9	7	10	10	10	10	
5-6	,,	47	38	29	30	31	63	59	55	35	5	19	2	5	6	12	44	5-10 years 1340	
6-7	,,	51	17	16	29	14	35	41	46	38	1	19	11	3	8	11	41	5-10 years 1340	
7-8	,,	41	24	14	13	10	11	27	22	30	7	12	2	—	2	13	30	5-10 years 1340	
8-9	,,	40	40	9	9	16	16	24	14	25	6	8	3	2	1	10	28	5-10 years 1340	
9-10	,,	36	31	18	12	9	19	16	24	3	7	2	—	—	—	12	23	5-10 years 1340	
10-11	,,	55	41	9	8	9	11	21	9	25	8	5	5	1	1	7	23	5-10 years 1340	
11-12	,,	30	37	9	3	4	2	9	9	13	8	1	2	7	1	—	—	5-10 years 1340	
12-13	,,	21	21	4	4	6	18	8	9	2	8	4	—	—	—	—	—	5-10 years 1340	
13-14	,,	11	14	7	6	1	9	8	1	—	—	—	—	—	1	3	5	5-10 years 1340	
14-15	,,	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	5-10 years 1340	
15 yrs. & over	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5-10 years 1340	
Age not known	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5-10 years 1340	
Totals ...	416	294	146	146	135	255	370	547	534	196	354	296	346	412	527	5328			

## CAUSES OF DEATH IN LITHERLAND URBAN DISTRICT, 1950.

<i>Causes of Death.</i>		<i>M.</i>		<i>F.</i>
		114	—	103
1. Tuberculosis, respiratory ...	...	7	...	8
2. Other Tuberculosis Diseases	...	—	...	1
3. Syphilitic disease ...	...	—	...	—
4. Diphtheria ...	...	—	...	—
5. Whooping cough ...	...	—	...	—
6. Meningococcal infections ...	...	1	...	—
7. Acute poliomyelitis ...	...	—	...	—
8. Measles ...	...	—	...	—
9. Other infective and parasitic diseases ...	—	—	...	—
10. Malignant neoplasm, stomach ...	...	5	...	4
11. Malignant neoplasm, breast ...	...	—	...	3
12. Malignant neoplasm, lung bronchus ...	...	6	...	1
13. Malignant neoplasm, uterus ...	...	—	...	1
14. Other malignant and lymphatic neoplasms	8	...	...	6
15. Leukaemia, aleukaemia ...	...	—	...	1
16. Diabetes ...	...	1	...	1
17. Vascular lesions of nervous system ...	...	18	...	18
18. Coronary diseases, angina ...	...	19	...	3
19. Hypertension, with heart disease ...	...	3	...	4
20. Other heart disease ...	...	21	...	25
21. Other circulatory disease ...	...	4	...	2
22. Influenza ...	...	2	...	—
23. Pneumonia ...	...	1	...	6
24. Bronchitis ...	...	4	...	3
25. Other diseases of respiratory system ...	...	1	...	—
26. Ulcer of stomach and duodenum ...	—	—	...	—
27. Gastritis, enteritis, and diarrhoea ...	—	—	...	2
28. Nephritis and nephrosis ...	...	2	...	2
29. Hyperplasia of prostate ...	...	2	...	—
30. Pregnancy, childbirth and abortion ...	—	—	...	—
31. Congenital malformations ...	...	—	...	2
32. Other defined and ill-defined diseases ...	4	...	8	
33. Motor vehicle accidents ...	...	1	...	—
34. All other accidents ...	...	3	...	2
35. Suicide ...	...	1	...	—
36. Homicide and operations of war ...	—	—	...	—
	All causes ...	114	...	103

Birth Rates, Death Rates, Analysis of Mortality, Maternal Mortality, and Case Rates for certain Infectious Diseases in the Year 1950.

(*Provisional Figures based on Weekly and Quarterly Returns.*)

	England and Wales.	126 County Boroughs and Great Towns, including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	London. Adminis- trative County.
Rates per 1,000 Home Population.				
<b>Births—</b>				
Live Births ... ...	15.8	17.6	16.7	17.8
Still Births ... ...	0.37	0.45	0.38	0.36
<b>Deaths—</b>				
All Causes ...	11.6	12.3	11.6	11.8
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00
Whooping Cough ...	0.01	0.01	0.01	0.01
Diphtheria ... ...	0.00	0.00	0.00	0.00
Tuberculosis ... ...	0.36	0.42	0.33	0.39
Influenza ... ...	0.10	0.09	0.10	0.07
Smallpox ... ...	—	—	—	—
Acute Poliomyelitis (in- cluding Polioencephalitis)	0.02	0.02	0.02	0.01
Pneumonia ... ...	0.46	0.49	0.45	0.48

<b>Notifications—(Corrected)</b>				
Typhoid Fever ...	0.00	0.00	0.00	0.01
Paratyphoid Fever ...	0.01	0.01	0.01	0.01
Meningococcal Infection	0.03	0.03	0.02	0.03
Scarlet Fever ... ...	1.50	1.56	1.61	1.23
Whooping Cough ...	3.60	3.97	3.15	3.21
Diphtheria ... ...	0.02	0.03	0.02	0.03
Erysipelas ... ...	0.17	0.19	0.16	0.17
Smallpox ... ...	0.00	0.00	—	—
Measles ... ...	8.39	8.76	8.36	6.57
Pneumonia ... ...	0.70	0.77	0.61	0.50
Acute Poliomyelitis (in- cluding Polioencephalitis)				
Paralytic ... ...	0.13	0.12	0.11	0.08
Non-Paralytic ...	0.05	0.05	0.06	0.05
Food Poisoning ... ...	0.17	0.16	0.14	0.25
<b>Deaths—All causes</b>				
under 1 year of age ...	29.8 (a)	33.8	29.4	26.3
Enteritis and Diarrhoea under 2 years of age ...	1.9	2.2	1.6	1.0

<b>Notifications (Corrected)</b>				
Puerperal Fever and Pyrexia ... ...	5.81	7.43	4.33	6.03

<b>Maternal Mortality in England and Wales.</b>		
International List No. and cause	Rates per 1000 total (Live and Still) Births.	Rates per million women aged 15-44.
651 Abortion with Sepsis ...	0.09	7
650, 652 Other Abortion ...	0.05	4
640-649, 670-678 Complication of pregnancy and delivery ... ...	0.54	
681 Sepsis of childbirth and the puerperium ... ... ...	0.03	
680, 682-689 Other complications of the puerperium ... ...	0.15	

(a) Per 1,000 related live births.

## 2.—General Provision of Health Services for the Area.

### HOSPITALS.

There are no hospitals in the district. Infectious diseases are admitted to Hospitals in Liverpool.

### TUBERCULOSIS.

This work is administered by the Liverpool Regional Hospital Board, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo.

### MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Ormskirk Hospitals are available.

### MIDWIVES.

There are three Midwives on the County Council Register and practising in the district. There are no Health Visitors, Nurses or Midwives employed by or assisted by the Local Authority.

### GENERAL MEDICAL. GENERAL SURGICAL.

These cases are removed to the General Hospitals of Liverpool, Bootle and Waterloo.

### CHILDREN.

The above Hospitals are used, also the Liverpool Children's Hospital.

### VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Hospitals.

### MATERNITY MORTALITY.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

### AMBULANCE FACILITIES.

(a) Ambulance Services are provided by the Lancashire County Council from Depots in Crosby and Ormskirk.

### NATIONAL ASSISTANCE ACT, 1948.

No action has been necessary under the above Act during the year.

## CLINIC AND TREATMENT CENTRES.

This work is administered by the Lancashire County Council. The Clinics are situated at 32 Linacre Road and Sefton Avenue, Litherland, and provide for:—

MATERNITY AND CHILD WELFARE	Sefton Avenue, Litherland.
ANTE-NATAL ... ...	Sefton Avenue, Litherland.

## SCHOOL CLINICS—

Dental ... ...	32, Linacre Road, Litherland.
Ophthalmic ... ...	32, Linacre Road, Litherland.
Minor Ailments ... ...	32, Linacre Road, Litherland.
Orthopaedic ... ...	Sefton Avenue, Litherland.

There is no Artificial Light Clinic; or Institutional provision for unmarried mothers, illegitimate infants, or homeless children in the district.

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and met a wartime need of some urgency. Consequently, an extension was opened on the 21st June, 1944, for 40 children. The Nursery is open from Monday to Friday at 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 12 months to 5 years are accepted. This nursery is administered by the County Council.

## PROFESSIONAL NURSING IN THE HOME.

Two District Nurses visit on request of the Medical Practitioners by arrangement. This service is administered by the County Council.

## DOMESTIC HELP SERVICE.

This service is administered by the County Council, and Home Helps can be obtained in cases of illness on application to the Divisional Medical Officer or through the Litherland Health Department.

## PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk.—Eight samples were submitted to Liverpool University.

### 3.—Sanitary Circumstances of the Area.

#### WATER SUPPLY.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 5,859. There has been no analysis during the year this work is carried out by Liverpool Corporation. Complaints of discolouration and sediment were reported to Liverpool Corporation and received prompt attention. The whole of the dwelling-houses are supplied from the public water mains direct to the houses.

#### DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the River Mersey.

The first portion of the Rimrose Brook Drainage Scheme has been completed; the second portion now in progress when completed should remove flooding in the lower lying part of the district.

#### RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet accommodation at the end of 1950:—

#### Privy Middens—

No. of Middens	...	...	...	...	One.
No. of Closets attached to these Middens...					One.
No. of Pail Closets	...	...	...	...	Nil.
No. of Houses with Fresh Water Closets...					5,858
No. of Waste Water Closets	...	...	...	...	Nil.

#### SCAVENGING.

This work was transferred during 1942 from the Surveyor's Department to the Sanitary Department, under the supervision of the Chief Sanitary Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road, Litherland. Two new Dennis refuse collection vehicles were purchased during the year.

## SANITARY INSPECTIONS DURING 1950.

No. of premises visited	...	...	...	...	1,998
Defects or Nuisances—					
No. discovered	...	...	...	...	3,433
No. abated	...	...	...	...	3,318
No. of Notices served—					
Informal	...	...	...	...	2,197
Abatement	...	...	...	...	3
Legal Proceedings	...	...	...	...	Nil.

## OFFICES AND SHOPS ACT, 1934.

No statutory action has been necessary; sanitary defects, etc., have been carried out as required.

## CAMPING SITES.

There were no licences issued for camping sites during the year.

## SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools within the District.

## ERADICATION OF BED BUGS.

Twenty-one houses were disinfected during the year; 7 Council houses and 14 other houses, by means of spraying with D.D.T. in Zaldecide and sulphur candles. One hundred and ninety-two houses were disinfected for cockroaches, fleas, ants, earwigs and flies.

Four cases of snails in the back passages between the houses were treated with salt.

## SCHOOLS.

The sanitary condition and the water supply of the schools in the district is generally satisfactory. The schools have been disinfected after the holidays. There was no closing of schools as a result of infection during the year.

## PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS OR REGULATIONS.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, Vans or Sheds, or Underground Sleeping Rooms in the district.

## OFFENSIVE TRADES.

There are three Tanneries and ten Fish and Chip Potato premises in the district; these are inspected from time to time.

## SLAUGHTER-HOUSES.

There is only one Private Slaughter-house in the district, and this is a Registered Slaughter-house.

### RAG FLOCK ACTS, 1911 AND 1928.

There are no premises in the district in which Rag Flock is manufactured or sold.

### CANAL BOATS.

Number inspected: None.

## 4.—Housing.

### STATISTICS FOR THE YEAR 1950.

There were 26 houses built during the year; eighteen by the Council and eight by other bodies.

### HOUSING APPLICATION FORMS, 1950.

Housing Application Forms for Council houses are continually being received, both from inside and outside the district.

The number of dwelling houses overcrowded at the end of the year was approximately 729, the number of new cases of overcrowding reported during the year was 155, and 38 cases of overcrowding have been relieved during the year. Five cases of overcrowding in houses owned by the Council have been relieved during the year. There is still a serious shortage of houses for all classes of people in the district.

## 5.—Inspection and Supervision of Food.

### MILK SUPPLY.

The Dairies and Milk Shops within the district are periodically inspected, and every effort is being made to produce clean healthy milk.

Eight samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

“Tubercle Bacilli” was negative in all samples submitted.

Veterinary inspections are carried out if any animal is suspected, or on a sample of milk showing Tubercle Bacilli.

### FOOD AND DRUGS ACT, 1938.

Twenty samples of milk were submitted to the County Analyst; all samples were reported genuine.

The following 144 samples were obtained in Litherland by the County Sanitary Officer during the year:—

Milk, 118; Butter, 2; Margarine, 1; Cooking Fat, 1; Ice Cream, 4; Beef Sausage, 3; Tea, 1; Flour, 1; Semolina, 1; Dried Milk Powder, 1; Dried Peas, 2; Haricot Beans, 1; Scones, 1; Eccles Cakes, 1; Fancy Cakes, 1; Rice, 1; Lentils, 1; Dried Beans, 1; Cornflower, 1; Tapioca, 1.

All the above samples were certified by the County Analyst to be genuine, with the exception of the following:—

<i>Sample.</i>	<i>Result of Analysis.</i>	<i>Action taken</i>
1 Beef Sausage	Deficient 11% of the minimum percentage of meat.	Vendor cautioned.
1 Tapioca	Consisted of Tapioca containing approximation 5% Sago.	No action taken.

#### MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

#### BAKEHOUSES.

There are eight Bakehouses in the district; these are in a sanitary condition, clean and well kept; minor repairs have been attended to.

#### ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS (CORRECTED).

1. <i>Local Authority</i> Litherland, Liverpool, 21, Lancs. Year 1950.						
2. <i>Food Poisoning Notifications (Corrected) Returned to R.G.</i>						
1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
Nil	... Nil	... Nil	... Nil	... Nil	... Nil	
3. <i>Outbreaks Due to Identified Agents.</i>						
Total Outbreaks					Total cases	Nil
*Outbreaks due to:—						
(a) Chemical Poisons				(d) C.I. botulinum		
(b) Salmonella Organisms				(e) Other bacteria		
(c) Staphylococci (including toxin)						
4. <i>Outbreaks of Undiscovered Cause.</i>						
Total Outbreaks				Total cases	Nil	
5. <i>Single Cases.</i>						
Agent identified	Unknown cause			Total	Nil	

\* Details of each outbreak to be given in Appendix D (11).

#### 6.—Prevalence of and Control over Infectious Disease.

Six hundred and twelve cases of infectious diseases were notified, and thirteen were removed to Hospital (see Tables of Notifiable Diseases).

#### DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria was taken over by the County Council on July 5th, 1948. Monthly immunization sessions are held at the County Clinic, Sefton Avenue, Litherland; 527 cases were completed during the year, each receiving injections of A.P.T. or T.A.F. Immunization is also carried out in the schools in the district regularly.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 5,328 cases have been immunized in the district.

There were no cases of diphtheria notified during the year.

**SCARLET FEVER.**

There were thirty-seven cases of Scarlet Fever during the year, and no deaths from this disease. Scarlet Fever continues to be a mild disease.

**MALARIA.**

There were no cases notified during the year.

**ENTERIC FEVER (INCLUDING PARA-TYPHOID).**

There were no cases of Enteric, Typhoid, or Para-Typhoid notified during the year.

**TUBERCULOSIS.**

No action has been necessary in respect of Tuberculosis employees in the Milk Trade, or to Section 62, Public Health Act, 1925, for removal to hospital of infectious persons suffering from Pulmonary Tuberculosis.

**GENERAL.**

Vaccination sessions are held monthly at the Sefton Avenue Clinic.

It has not been necessary to close the schools during the year on account of infectious diseases.

There have been no reports made under Article 17 (7) Sanitary Officers (Outside London) Regulations, 1935, which refers to cases of Plague, Cholera, Smallpox, or any serious outbreak of disease in the district.

**INFLUENZA.**

There was no severe Influenza Epidemic during the year.

There were no other diseases or cases of sickness which required special attention.

**MEASLES.**

Measles showed an increase during the year, 421 cases being notified as against 210 in 1949; there were no deaths due to Measles, but it continues to be one of the serious infectious diseases of childhood.

**WHOOPING COUGH.**

140 cases were notified during the year, as against 98 in 1949. There were no deaths due to this disease, but it continues to be one of the serious infectious diseases of childhood.

**SCABIES.**

Cases in diminishing numbers have been dealt with at home during the year.

**DISINFECTION.**

There were 75 rooms in 42 houses disinfected during the year after Infectious Disease, including Tuberculosis. Several articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc. Disinfestation has been carried out at twenty-one houses.

## Notifiable Diseases, 1950.

Number of cases of Infectious Diseases notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in Hospital during the year 1950 :—

NOTIFIABLE DISEASES.	Total Cases at all Ages.	CASES NOTIFIED.										TOTAL DEATHS.	HOSPITAL	
		YEARS.												
		0	1	3	5	10	15	25	45	65 and over	ages not known			
Smallpox	(a) Nil	...	...	...	...	...	...	...	...	...	...	(b)	(c)	
Scarlet Fever	37	...	3	8	20	5	1	...	...	...	...	...	7	
Diphtheria, including Membranous Croup	Nil	...	...	...	...	...	...	...	...	...	...	...	...	
Enteric or typhoid Fever, (excluding paratyphoid)	Nil	...	...	...	...	...	...	...	...	...	...	...	...	
Paratyphoid Fever	Nil	...	...	...	...	...	...	...	...	...	...	...	...	
Measles (excluding rubella)	421	13	109	135	157	2	...	1	...	...	4	...	...	
Whooping Cough	140	7	38	54	39	...	1	1	...	...	...	...	...	
Acute pneumonia primary and influenzal	10	...	...	4	...	1	...	4	1	...	...	...	4	
Puerperal Pyrexia	Nil	...	...	...	...	...	...	...	...	...	...	...	...	
Meningococcal Infection	Nil	...	...	...	...	...	...	...	...	...	...	...	...	
Acute poliomyelitis, Paralytic	3	1	...	1	...	...	1	...	...	...	...	...	2	
Non-paralytic	...	...	...	...	...	...	...	...	...	...	...	...	...	
Acute encephalitis, Infective	...	...	...	...	...	...	...	...	...	...	...	...	...	
Post infectious	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ophthalmia neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	
Erysipelas	1	...	...	...	...	...	...	...	...	1	...	...	...	
Malaria—														
Contracted in this C'try														
Abroad	...	...	...	...	...	...	...	...	...	...	...	...	...	
Food Poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...	
Any other disease notifiable in district, e.g.—														
Chicken Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	
Any other disease (specify)	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>TOTALS</b>	...	612	21	150	202	216	8	3	6	1	1	4	...	13

## INFECTIOUS DISEASES.

612 cases of Infectious Disease were notified during the year.

	CASES NOTIFIED									
	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941
Smallpox ... ... ... ...	Nil	Nil	...	...	...	...	...	...	...	...
Scarlet Fever ... ... ... ...	37	28	47	38	23	67	47	34	36	20
Diphtheria (including membranous croup) ... ... ... ...	Nil	1	2	16	9	26	12	23	27	36
Enteric or typhoid fever (excluding paratyphoid) ... ... ... ...	Nil	...	...	...	...	...	1	1	...	25
Paratyphoid Fever ... ... ... ...	Nil	...	...	1	...	...	...	...	...	...
Measles (excluding rubella) ... ...	421	210	254	174	199	71	369	185	323	30
Whooping cough ... ... ... ...	140	98	10	91	71	38	111	69	35	84
Acute pneumonia (primary and influenzal) ... ... ... ...	10	2	4	2	7	16	30	27	6	26
Puerperal pyrexia ... ... ... ...	...	...	2	...	...	...	...	1	2	...
Meningococcal infection ... ...	Nil	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis—										
Paralytic ... ... ... ...	3	2	...	2	...	...	...	...	...	...
Non-paralytic ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Acute encephalitis—										
Infective ... ... ... ...	Nil	...	...	...	...	...	...	...	...	...
Post-infectious ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Dysentery ... ... ... ...	Nil	4	3	1	2	2	1	...	...	...
Ophthalmia neonatorum ... ...	...	1	...	...	1	...	1	...	1	1
Erysipelas ... ... ... ...	1	1	1	4	2	7	8	5	9	6
Malaria—										
Contracted in England and Wales	Nil	...	1	...	1	...	...	...	...	...
Abroad ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Food poisoning ... ... ... ...	Nil	...	...	...	...	...	...	...	...	...
Any other diseases notifiable in district, e.g.	...	...	...	...	...	...	...	...	...	...
Chicken Pox ... ... ... ...	...	...	...	...	1	...	...	...	...	...
Any other diseases (specify)*	...	...	...	...	...	...	...	...	...	...
*Cerebro-spinal fever ... ...	Nil	2	3	1	...	2	1	2	1	5
Anthrax ... ... ... ...	Nil	...	...	...	...	...	...	1	1	...
Gastro-enteritis ... ... ... ...	Nil	...	2	2	...	...	...	...	...	...
	612	349	329	332	316	229	581	348	441	233

## INFECTIOUS DISEASES.

	CASES REMOVED TO HOSPITAL									
	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941
Smallpox ... ... ... ...	Nil	Nil	...	...	...	...	...	...	...	...
Scarlet Fever ... ... ... ...	7	7	9	12	11	42	13	19	16	13
Diphtheria (including membranous croup) ... ... ... ...	...	1	2	20	16	36	17	23	21	38
Enteric or typhoid fever (excluding paratyphoid) ... ... ... ...	Nil	...	...	...	...	...	...	...	...	...
Paratyphoid fever ... ... ... ...	...	...	...	1	...	...	1	1	...	27
Measles (excluding rubella) ... ...	...	...	5	4	7	1	...	1	1	...
Whooping cough ... ... ... ...	...	...	2	...	3	2	1	2	1	2
Acute pneumonia (primary and influenzal) ... ... ... ...	4	2	2	1	2	...	2	...	1	2
Puerperal pyrexia ... ... ... ...	...	...	1	...	...	...	...	1	1	...
Meningococcal infection—										
Acute poliomyelitis ... ...	...	...	...	...	...	...	...	...	...	...
Paralytic ... ... ... ...	2	2	...	3	...	...	...	...	...	...
Non-Paralytic ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Acute encephalitis—										
Infective ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Post-infectious ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Dysentery ... ... ... ...	...	3	2	1	2	2	1	...	...	...
Ophthalmia neonatorum ... ...	...	1	...	...	1	...	...	...	1	1
Erysipelas ... ... ... ...	...	...	1	2	Nil	2	4	2	4	2
Malaria (Contracted in England and Wales) ... ... ... ...	...	...	1	...	1	...	...	...	...	...
Abroad ... ... ... ...	...	...	...	...	...	...	...	...	...	...
Food poisoning ... ... ... ...	...	...	...	...	Nil	...	...	...	...	...
Any other diseases notifiable in district, e.g.	...	...	...	...	...	...	...	...	...	...
Chicken Pox ... ... ... ...	...	...	...	...	1	...	...	...	...	...
Any other diseases (specify)* ... ...	...	...	3	1	...	2	1	2	2	4
*Cerebro-spinal fever ... ...	...	...	...	...	...	...	...	1	1	...
Anthrax ... ... ... ...	...	...	...	...	...	...	...	1	1	...
Gastro-enteritis ... ... ... ...	...	...	2	2	...	...	...	...	...	...
	13	16	30	47	44	87	40	52	49	89

## TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1950 (Local Register)

AGE PERIODS.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
Years 0	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...
2	...	1	...	...	...	...	...	...
5	...	2	1	...	1	...	...	...
10	...	1	3	1	...	...	...	...
15	...	...	...	...	...	1	...	...
20	...	2	2	1	1	...	2	...
25	...	2	4	1	1	...	1	...
35	...	2	8	1	...	1	2	...
45	...	2	5	...	...	3	2	...
55	...	3	1	...	...	...	1	...
65	...	6	...	1	...	4	1	...
75 and upwards	...	...	...	...	...	...	...	...
TOTALS ...	21	24	5	3	8	9	...	Nil
	45		8		17		Nil	

Death rate from Tuberculosis Respiratory System per 1000 = 0.66.

The rate of non-notified Tuberculosis deaths to total Tuberculosis deaths was two to 17.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

No action has been taken or necessary in respect of persons suffering from Pulmonary Tuberculosis, employed in the Milk Trade, or for the compulsory removal to hospital of persons suffering from Tuberculosis.

## 7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at Sefton Avenue, Litherland.

## OPHTHALMIA NEONATORUM.

This work is carried out by the Lancashire County Council; there were no cases notified during the year.

## FACTORIES ACT, 1937.

Annual Report of the Medical Officer of Health in respect of the Year 1950 for the Urban District of Litherland in the County of Lancaster.

## PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	M/c line No. (7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	15	56	Nil	Nil	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ... ...	2	62	174	Nil	Nil	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority + (excluding out-workers' premises) ... ...	3	6	14	Nil	Nil	3
<b>TOTAL ... ...</b>		<b>83</b>	<b>244</b>	<b>Nil</b>	<b>Nil</b>	

## 2.—Cases in which DEFECTS were found.

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases.")

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	Referred To H.M. Inspector (5)	By H.M. Inspector (6)		
Want of cleanliness (S.1) ... ...	4	2	2	Nil	Nil	Nil	4
Overcrowding (S.2) ... ...	5						5
Unreasonable temperature (S.3) ...	6						6
Inadequate ventilation (S.4) ...	7	2	2	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	6	6	Nil	Nil	Nil	8
Sanitary Conveniences (S.7)							
(a) insufficient ... ...	9			Nil	Nil	Nil	9
(b) Unsuitable or defective ...	10	12	12	Nil	Nil	Nil	10
(c) Not separate for sexes ...	11						11
Other offences against the Act (not including offences relating to Outwork) ... ... ...	12	16	16	Nil	Nil	Nil	12
<b>TOTAL ... ...</b>	<b>60</b>	<b>38</b>	<b>38</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>60</b>

## PART VIII OF THE ACT. OUTWORK (Sections 110 and 111).

Nature of Work (1)	M/c line No. (2)	Section 110				Section 111				M/c line No. (9)
		No. of out- workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecu- tions for failure to supply lists	No. of instances of workin unwhole some premises	N'tices Pro- served	Prosec- utions			
Wearing { Making, etc. ...	13	3	Nil	Nil	Nil	Nil	Nil	Nil	13	
apparel { Cleaning and washing ...	14								14	
<b>TOTAL ... ...</b>	<b>70</b>	<b>3</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>70</b>	

I again wish to thank the Chief Sanitary Inspector, Mr. H. Harrison, for his valued assistance, and to tender my thanks to the various members of the Council for considering advice given by me.

Your obedient Servant,

J. G. HAILWOOD,  
Medical Officer of Health

# The Urban District Council of Litherland.

## ANNUAL REPORT OF THE Sanitary Inspector. 1950.

*October, 1951.*

To THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

Lady/GENTLEMEN,

I beg to submit the Annual Report of the work executed in 1950, together with the particulars of the nuisances abated, and improvements effected thereby. There is still a shortage of essential building materials which often cause delay in compliance with notices.

### INSPECTION OF THE DISTRICT, NOTICES SERVED, ETC.

During the year 4,223 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 2,197 Informal Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

Three Abatement Notices were served during the year, and complied with.

Difficulties owing to shortage of building materials are being experienced, which cause considerable delay in the execution of repairs.

SCHOOLS.—W.C. accommodation and water supply has been inspected during the year.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically.

One shopkeeper was warned for using an ice cream refrigerator to store other foods.

SLAUGHTER-HOUSES.—There is one "private" slaughter-house within the district; there was no slaughtering during the year.

LITHERLAND HYGIENIC FOOD GUILD.—The above Guild was formed in January, 1950.

Membership consists of Food Traders, Members of the Rate-payers' and Tenants' Association, Townswomen's Guild and Other Organisations in the district. Talks and Film Shows on Hygiene have been given during the year. A display set of twelve posters on "Food Poisoning" obtained from the Central Office of Information, London, have been pasted on to cardboard and are now being distributed on loan for short periods to Food Manufacturers, Canteens, Schools, etc.

Plaques are to be provided for members whose shops comply with the "Codes of Practice" laid down by the Guild. Whist Drives and Dances are being organised to provide funds for the purchase of the plaques.

#### INSPECTION OF MEAT:—

Food condemned as unfit for human consumption:—

1 ton 12 cwts. 0 grs. 20½ lbs.

DAIRIES, COWSHEDS AND MILKSHOPS.—Number of cowkeepers on register, 1; number of milk shops (other than cowkeepers), 6; 36 visits were made during the year. On the whole a fairly high standard of cleanliness is maintained, and the health of the cattle is satisfactory.

Five supplementary licences were issued to retail:—  
"Tuberculin Tested" Milk.

MILK SAMPLES.—Eight samples were taken for the discovery of Tuberculosis among cattle; all samples were reported "negative" to the biological test. Twenty samples of milk were taken under the Food and Drugs Act, 1938; all samples were reported genuine.

There are now only 6 cows kept in the district.

WATER SUPPLY.—The water supply is obtained from the Liverpool Corporation, and the only direct supply from the main is to the kitchen tap; all other supplies are from the storage cistern, which may be contaminated; most new houses have a washbowl in the bathroom. This supply should come direct from the main to avoid the risk of children or other persons drinking what might be contaminated water.

During the year a complaint was received of smells from a tap supplied from the rain water storage cistern, the source of the trouble being a dead cat in the storage cistern.

FISH FRYING SHOPS AND WET FISH SHOPS.—Twenty-seven visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

SMOKE ABATEMENT.—Visits have been made where black smoke and grit have been excessive; interviews between engineers and stokers have taken place and advice given. Complaints of obnoxious fumes from a factory received attention.

REFUSE COLLECTION.—This work is carried out under the supervision of the Sanitary Department; three gangs, with three vehicles are used. One new Dennis Paxit refuse collection vehicle and one new loader have been put into service during the year, another Paxit is contemplated to complete the order. Gullies are emptied by a mechanically operated gully-emptier.

Three hundred and forty-eight new refuse bins were provided during the year.

ERADICATION OF BED BUGS.—Twenty-one houses were disinfested during the year by means of spraying with Zaldecide and D.D.T., and sulphur candles. Clothing and bedding were taken to the Council's steam Disinfector. The whole of this work is carried out by the Council's workmen.

One hundred and ninety-two houses were disinfested for cockroaches, fleas, ants, earwigs and flies. They were treated with Zaldecide and D.D.T. successfully. Snails in the back passages were treated with salt. Gammexane powder has also been used with good results.

Seven dead dogs and five dead cats were removed during the year.

A complaint was received of offensive smells in a Doctor's Surgery and Waiting Room, on investigation a dead cat was found under the floorboards, having gained access through a broken ventilator.

The tip at Brook Vale has been treated for fly infestation during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.—This work has been carried out in accordance with the Ministry of Food's Direction.

The County Council have delegated their powers under the Act to the Local Authority; one operative is employed on Rodent Control, with assistance from the Engineer's Department when engaged on sewers.

PRIVATE DWELLINGS.—During the year 67 complaints of rat infestation and 137 of mice infestation were received and dealt with. The treatment carried out resulted in the destruction of approximately 177 rats and 909 mice; advice was also given as to the storage of food.

BUSINESS PREMISES.—During the year 7 complaints of rat infestation and 12 of mice infestation were received and treated in accordance with the Ministry's instructions. The estimated kill after the above treatment was 16 rats and 265

COUNCIL PROPERTY.—The treatment of rat infestation on Council Property included the Town Hall, Salvage Depot, Stores and Park Greenhouses, resulting in the destruction of approximately 21 rats and 18 mice.

Beach Road and Hatton Hill allotments were treated, resulting in the destruction of 15 rats.

DAY NURSERY.—A small infestation of field mice was dealt with, resulting in the destruction of approximately 12 mice.

SCHOOL PREMISES.—A minor rat infestation in the Boiler House at the New Modern School was treated, three rats being destroyed.

St. Philip's School and Hall were treated for mice infestation resulting in the destruction of approximately 30 mice.

HAPSFORD ROAD PLAYGROUND was also treated for rat infestation.

SEWERS.—Two sewer treatments with test baiting were carried out during the year, the first in March and the second in September. An Inspector of the Ministry visited the district whilst treatment was in progress and satisfied himself that the work was being carried out in accordance with the Ministry's instructions, thus enabling the Local Authority to receive assistance from the Ministry.

The estimated kill after these treatments was 57 rats.

Surface infestations of both rats and mice show a marked decrease on previous years at Private Dwellings, Business Premises, etc.

A summary of the complaints and destruction of rodents is as follows:—

	Complaints.		Destruction (approx.)			
	Rats.	Mice.	Rats.	Mice.		
Private Dwellings	...	67	137	...	177	909
Business Premises	...	7	12	...	16	265
Council Property	...	—	—	...	21	18
Allotments	...	—	—	...	15	—
Sewers	...	—	—	...	57	—
	—	—	—	—	—	—
Totals	...	74	149	...	286	1192
	—	—	—	—	—	—

TENTS, VANS AND SHEDS.—There is no recognised camping site in the district, a large portion of the open space between Hawthorne Road and Orrell Road which was used chiefly by the caravan dwellers is now being built on, thus preventing the nuisance caused by these people.

SUPERVISION OF INFECTIOUS DISEASES.—Forty-one visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work was carried out, and 18 re-visits were paid to ensure that the work was carried out. The schools have been thoroughly disinfected during the year. The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

FACTORIES ACT, 1937.—Two hundred and forty-four visits and re-visits were made to factories during the year. Repairs to W.C.'s, drains, water supply, floors, ventilation and rain-water pipes, etc., have been carried out during the year. The larger factories find employment for approximately 3,016 persons.

OUTWORKERS.—Visits were made to premises where out-workers were engaged; the premises were found to be satisfactory.

#### SALVAGE.

WASTE FOOD.—During the year 36 tons 2 cwts. 1 qr. of food was collected and disposed of to pig dealers.

WASTE PAPER.—The collection of waste paper recommenced in October. 24 tons 10 cwts. 1 qr. was baled and sold for pulping.

MISCELLANEOUS.—During the year 4 tons 8 cwts. 3 qrs. of Metal, Rags, Sacking, Bones and Rubber were collected and disposed of.

#### SUMMARY OF WORK OF DEPARTMENT.

Number of inspections and re-inspections (complaints and housing) ... ... ... ... ... ... ...	4223
Number of visits and re-visits to factories ... ... ... ...	244
Number of visits to bakehouses ... ... ... ...	16
Number of visits to dairies and milkshops, etc. ... ...	36
Number of informal notices served and letters, etc. ...	2197
Abatement notices ... ... ... ...	3
Number of visits to offensive trades ... ... ...	4
Samples of milk submitted for bacteriological examination ...	8
Samples of milk taken under Food and Drugs Act ...	20
Cases of infectious disease visited and reported upon ...	34
Number of houses disinfected ... ... ...	42
Number of rooms disinfected ... ... ...	75
Number of verminous houses disinfested for bugs ...	21
Number of verminous houses disinfested for other insects, etc. ... ... ... ...	192
Number of visits to fish frying shops and wet fish shops ...	27
Number of visits to butchers' shops, food preparing places, ice cream premises and food hawkers, etc. ...	220
Number of visits to slaughter-house ... ... ...	2
Number of visits to schools ... ... ...	34
Number of visits to Tents, Vans and Sheds ...	29
Number of visits to stable premises and garages ...	64
Rent books inspected ... ... ...	36

DETAILS OF SANITARY IMPROVEMENTS AND  
ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed	...	...	...	...	...	267
Defective w.c. cisterns, pans, traps, water supply, etc.	...	...	...	...	...	259
Staircases repaired	...	...	...	...	...	21
Defective water supply to houses, etc., new taps, burst pipes, etc.	...	...	...	...	...	187
Defective floors in dwelling houses, etc.	...	...	...	...	...	119
Offensive Accumulations	...	...	...	...	...	33
New ashbins provided	...	...	...	...	...	348
Insanitary yard surfaces	...	...	...	...	...	101
Walls and chimneys pointed and repaired	...	...	...	...	...	345
Defective eaves, gutters, r.w. pipes, etc.	...	...	...	...	...	240
New back boilers, storage cisterns and cylinders provided or repaired	...	...	...	...	...	54
Defective skirting boards repaired	...	...	...	...	...	26
Defective plasterwork and limewashing, etc.	...	...	...	...	...	270
Repairs to window sashes and frames, and lighting and ventilation improved	...	...	...	...	...	242
Leaky roofs (dwelling houses), etc.	...	...	...	...	...	287
New doors and repairs to doors	...	...	...	...	...	227
Animals and Fowls kept to be a nuisance	...	...	...	...	...	4
Defective wash boilers and structures	...	...	...	...	...	8
New sinks and other sanitary fittings	...	...	...	...	...	86
Defective fire ranges, jambs, and flues	...	...	...	...	...	113
Defective drainer boards	...	...	...	...	...	14

FACTORIES ACT, 1937.

Want of cleanliness	...	...	...	...	...	2
Ineffective drainage of floors	...	...	...	...	...	6
Defective sanitary conveniences	...	...	...	...	...	12
Other defects (burst pipes, walls, etc.)	...	...	...	...	...	16
Inadequate ventilation	...	...	...	...	...	2

I am, Gentlemen,

Your obedient Servant,

H. HARRISON,

*Chief Sanitary Inspector.*





